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CLAIMS

1. A fixing system (2) for fixing a panel (1) of fragile material to a bearing structure, comprising at least one point fastener (7, 8) engaging with at least one first contact region (3, 4) produced in the panel, **characterized in that** said point fastener (7, 8) comprises a first anchoring part at a first contact region (3) and a second anchoring part at a second contact region (4) situated on the panel (1), the first and second anchoring parts being, on the one hand, connected by at least one adjusting device (15, 16) designed to bring the first and second anchoring parts to bear against the first and second contact regions (3, 4) respectively and, on the other hand, situated in the plane of the panel (1).

2. The fixing system (2) as claimed in claim 1, characterized in that the second contact region (4) is situated on the edge face of the panel (1).

3. The fixing system (2) as claimed in claim 1, characterized in that the second contact region (4) is situated on the side of the panel (1).

4. The fixing system (2) as claimed in claim 1, characterized in that the second contact region (4) is situated on the bearing structure.

5. The fixing system (2) as claimed in one of claims 1 to 4, characterized in that the first and/or the second contact region (3, 4) is produced within a blind orifice.

6. The fixing system (2) as claimed in one of claims 1 to 4, characterized in that the first and/or the second contact region (3, 4) is produced within an open orifice.

7. The fixing system (2) as claimed in one of claims 1 to 4, characterized in that the first and/or the second contact region (3, 4) is produced within a cut-out.

8. The fixing system (2) as claimed in one of claims 1 to 4, characterized in that the first and/or the second contact region (3, 4) is produced using a number of raised regions.

9. The fixing system (2) as claimed in one of claims 1 to 4, characterized in that the first and/or the second contact region (3, 4) is produced by pinching.

10. The fixing system (2) as claimed in one of the preceding claims, **characterized in that** the first and second contact regions (3, 4) are positioned on two respective adjacent sides (5, 6) of the panel (1).

11. The fixing system (2) as claimed in claim 10, **characterized in that** the

first and second contact regions (3, 4) are positioned one on each side of an axis of symmetry of the panel (1).

12. The fixing system (2) as claimed in one of the preceding claims, **characterized in that** the fixing system comprises two point fasteners (7, 8) each  
5 positioned on each side of a mid-plane roughly parallel to the panel (1), this mid-plane also being roughly perpendicular to the first and second contact regions (3, 4).

13. The fixing system (2) as claimed in one of the preceding claims, **characterized in that** it comprises a rigid interlayer (17) positioned between one  
10 of the first and second contact regions (3, 4) and one of the first or second anchoring parts.

14. The fixing system (2) as claimed in one of the preceding claims, **characterized in that** the adjusting device (15, 16) comprises a tensioning device.

15. The fixing system (2) as claimed in claim 14, **characterized in that** the  
15 tensioning device comprises a screw-nut device.

16. The fixing system as claimed in claim 14, **characterized in that** the adjusting device (15, 16) comprises a torque-limiting device.

17. The fixing system (2) as claimed in one of the preceding claims, **characterized in that** the interlayer (17) comprises a rigid interlayer element and  
20 an adhesive material, the rigid interlayer element contributing to the dimensional stability of the layer by reacting the forces while the adhesive material allows an adhesive bond to be achieved.

18. The fixing system (2) as claimed in claim 17, **characterized in that** the interlayer element is made of a material with a Shore D hardness of the order of at  
25 least 70 to 75.

19. The fixing system (2) as claimed in claim 18, **characterized in that** the material of which the interlayer element is made is chosen from transparent materials such as polycarbonate or hard silicone which does not adversely affect the esthetics of the whole.

20. The fixing system (2) as claimed in claim 17, **characterized in that** the adhesive material in particular has a Shore A hardness of the order of 30 to 35 and is chosen from silicone adhesives commonly used with glass.

21. The fixing system (2) as claimed in one of claims 17 to 19, **characterized in that** the interlayer element is arranged along the axis of the mid-

plane of the panel (1).

22. The fixing system (2) as claimed in one of the preceding claims, **characterized in that** one of the first or second contact regions (3, 4) is fitted with a ferrule (18), the latter having the point fasteners (7, 8) passing through it.

5        23. The application of a fixing system (2) as claimed in any one of the preceding claims to the production of a screen or facade made of panels of fragile material, particularly glass.

10        24. The application of a fixing system (2) as claimed in any one of claims 1 to 22 to the making of a connection between at least two panels (1), it being possible for these panels to move relative to one another, particularly in sliding or in pivoting.

25. The application as claimed in one of claims 23 or 24, in which the panels (1) are vertical or inclined to the vertical, and the fixing system (2) is a system as claimed in any one of claims 1 to 23.